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DATE: 12/07/2000

TIME: 12:25:12

Input Set : A:\Pto.amc Output Set: N:\CRF3\12072000\I496231A.raw 4 <110> APPLICANT: Hubbell, Jeffrey A. Elbert, Donald Lutolf, Matthias 6 Pratt, Alison Schoenmakers, Ronald Tirelli, Nicola Vernon, Brent 10 12 <120> TITLE OF INVENTION: BIOMATERIALS FORMED BY NUCLEOPHILIC ADDITION REACTION TO CONJUGATED UNSATURATED GROUPS 16 <130> FILE REFERENCE: 50154/002002 18 <140> CURRENT APPLICATION NUMBER: 09/496,231A 19 <141> CURRENI FILING DATE: 2000-02-01 21 <150> PRIOR APPLICATION NUMBER: 60/118,093 22 <151> PRIOR FILING DATE: 1999-02-01 24 <160> NUMBER OF SEQ ID NOS: 74 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0 28 <210> SEQ ID NO: 1 29 <211> LENGTH: 10 30 <212> TYPE: PRI 31 <213> ORGANTSM: Artificial Sequence 33 <220> FEATURE: 34 <223> OTHER INFORMATION: Based on Homo sapiens 36 <221> NAME/KEY: VARIANT 37 <222> LOCATION: (1)...(10) 38 <223> OTHER INFORMATION: Xaa-any amino acid except Cys 40 <400> SEQUENCE: 1 W--> 41 Tyr Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys Tyr 43 1 46 <210> SEQ TD NO: 2 47 <211> LENGTH: 8 48 <212> TYPE: PRT 49 <21.3> ORGANISM: Artificial Sequence 51 <220> FEATURE: 52 <223> OTHER INFORMATION: Based on Homo sapiens 54 <223> NAME/KEY: VARIANT 55 <222> LOCATION: (1)...(8) 56 <223> OTHER INFORMATION: Xaa=any amino acid except Cys 58 <400> SEQUENCE: 2 W--> 59 Cys Xaa Xaa Xaa Xaa Xaa Xaa Cys 61 1 64 <210> SEQ ID NO: 3 65 <21.1> LENGTH: 6 66 <212> TYPE: PRT 67 <213> ORGANISM: Artificial Sequence 69 <220> FEATURE: 70 <223> OTHER INFORMATION: Based on Homo sapiens 72 <221> NAME/KEY: VARIANT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/496,224A



DAFE: 12/07/2000

TIME: 12:25:12

Input Set : A:\Pto.amc Output Set: N:\CRF3\12072000\1496231A.raw 73 <222> LOCATION: (1)...(6) 74 <223> OTHER INFORMATION: Xaarany amino acid except Cys 76 <400> SEQUENCE: 3 W--> 77 Xaa Xaa Xaa Xaa Xaa Xaa 79 1 82 <210> SEQ 1D NO: 4 83 <211> LENGTH: 13 84 <212> TYPE: PRT 85 <213> ORGANISM: Artificial Sequence 87 <220> FEATURE: 88 <223> OTHER INFORMATION: Based on Homo sapiens 90 <221> NAME/KEY: VARIANT 91 <222> LOCATION: (1)...(13) 92 <223> OTHER INFORMATION: Xaa=any amino acid except Cys 94 <400> SEQUENCE: 4 W--> 95 Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys 97 1 5 10 100 <210> SEQ ID NO: 5 101 <211> LENGTH: 7 102 <212> TYPE: PRT 103 <213> ORGANTSM: Artificial Sequence 105 <220> FEATURE: 106 <223> OTHER INFORMATION: Based on Homo sapiens 108 <221> NAME/KEY: VARIANT 109 <222> LOCATION: (1)...(7) 110 <223> OTHER INFORMATION: Xaa=any amino acid except Cys 112 <400> SEQUENCE: 5 W--> 113 Cys Xaa Xaa Xaa Xaa Xaa Cys 115 1 118 <210> SEQ ID NO: 6 119 <211> LENGTH: 13 120 <212> TYPE: PRT 121 <213> ORGANISM: Artificial Sequence 123 <220> FEATURE: 124 <223> OTHER INFORMATION: Based on Homo sapiens 126 <221> NAME/KEY: VARIANT 127 <222> LOCATION: (2)...(6) 128 <223> OTHER INFORMATION: Xaa-any amino acid except Cys or Tyr 130 <221> NAME/KEY: VARIANT 131 <222> LOCATION: (8)...(12) 132 <223> OTHER INFORMATION: Xaa=any amino acid except Cys or Tyr 134 <221> NAME/KEY: MOD_RES 135 <222> LOCATION: 1 136 <223> OTHER ADJUSTED

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5 10 136 <223> OTHER INFORMATION: Xaa=acetylated Tyrosine

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/496,231A

145 <211> LENGTH: 5

RAW SEQUENCE LISTING DAIE: 12/07/2000 PATENT APPLICATION: US/09/496,231A TIME: 12:25:12

Input Set : A:\Pto.amc
Output Set: N:\CRF3\12072000\1496231A.raw

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RAW SEQUENCE LISTING DATE: 12/07/2000 PATENT APPLICATION: US/09/496,231A TIME: 12:25:12

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12072000\I496231A.raw

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257 1
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271 1
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DATE: 12/07/2000

TIME: 12:25:12

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/496,231A

FYI:

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY DAIE: 12/07/2000 PATENT APPLICATION: US/09/496,231A TIME: 12:25:13

Input Set : A:\Pto.amc

Output Set: N:\CRF3\12072000\I496231A.raw

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L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:709 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:1084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72